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ABSTRACT

This annotated bibliography describes materials available for computer-assisted instruction in secondary and postsecondary health and allied health programs. The materials are suitable for use by regular, disadvantaged, and handicapped students and by students whose facility in English is limited. The bibliography includes software programs appropriate for the following areas of health occupations education: orientation to health and public service occupations; exploration of health occupations; practical health skills; principles of wellness; basic X-ray machine operator; cardiopulmonary technology; emergency medical technology (EMT and paramedic); home health aide; medical assisting; medical laboratory assisting; medical laboratory technology; nuclear medical technology; nursing assisting; nursing (associate degree); practical nursing; radiation therapy technology; radiographer; respiratory therapy; respiratory therapy technician; and surgical technology. Citations include teaching guides, interactive tutorials, games, simulations, reviews, and tests. Entries are presented in alphabetical order. Each entry provides this information: title, date, annotation, system requirements, and availability. Materials for inclusion in this bibliography were located through the Florida Educational Information Service (FEIS), which conducted searches of computerized information retrieval systems, specifically the Vocational Education Curriculum Materials (VECM) database on Bibliographic Retrieval Service (BRS) and the Microcomputer Software and Hardware Guide database on DIALOG. (YLB)

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Microcomputer Programs for Health Occupations Education

A Bibliography

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Microcomputer Programs for Health Occupations Education

A Bibliography

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Department of Education
Tallahassee, Florida
Betty Castor, Commissioner
Affirmative action/equal opportunity employer

Division of Vocational, Adult, and Community Education

April 1988

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Introduction

This bibliography describes materials available for computer-assisted instruction in secondary and postsecondary health and allied health programs. These materials are suitable for use by regular, disadvantaged, and handicapped students and by students whose facility in English is limited.

Included are software programs appropriate for the following areas of health occupations education: orientation to health and public service occupations, exploration of health occupations, practical health skills, principles of wellness, basic X-ray machine operator, cardiopulmonary technology, emergency medical technology (EMT and paramedic), home health aide, medical assisting, medical laboratory assisting, medical laboratory technology, nuclear medical technology, nursing assisting, nursing (associate degree), practical nursing, radiation therapy technology, radiographer, respiratory therapy, respiratory therapy technician, and surgical technology.

Citations include teaching guides, interactive tutorials, games, simulations, reviews, and tests.

Materials for inclusion in this bibliography were located through Florida Educational Information Service (FEIS). FEIS conducted searches of computerized information retrieval systems (specifically the VECM—Vocational Education Curriculum Materials—database on BRS—Bibliographic Retrieval Service—and the Microcomputer Software and Hardware Guide database on DIALOG).

FEIS is sponsored by the Florida Division of Vocational, Adult, and Community Education and is located in the Center for Instructional Development and Services, Florida State University.

For additional search information, contact Florida Educational Information Service, The Center for Instructional Development and Services, 2003 Apalachee Parkway, Suite 301, Tallahassee, FL 32301-4829, (800) 428-1194.

Notes for reading an entry. The records listed in this bibliography have been reproduced as written by database developers. No further editing of the texts was done.

TITLE: ***Alcohol - The Friendly Drug.***

DATE: 1986.

ANNOTATION: Examine the facts and myths of alcohol consumption, the effects of alcohol on the human body, and the stages of intoxication in this highly interactive and informative package featuring graphical illustrations and concise explanations. The obligations inherent in the unique RIGHT and WRONG approaches to drinking stress and encourage the responsible use of alcohol. Order Number: OJHE5040.

SYS REQ: Microcomputer Program; Apple II; IIc or IIe; 48K Memory; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $45.00; $10.00 Back-up. Orange Juice Software Systems. 338 South Arch Avenue. New Richmond, WI 54017. (715) 246-3588.

TITLE: ***Anatomy Challenge.***

DATE: 1984.

ANNOTATION: Using the Game Format of "History Star" Program, this program provides a review of human anatomy, as two players try to answer random questions from a data bank. Recommended for high school and nursing students and college science majors.

SYS REQ: Microcomputer Program; Apple II +, IIe, IIc; Commodore 64; 48K Memory; 1 Disk.

AVAILABILITY: Sale $29.95. Island Software. P.O. Box 300. Lake Grove, NY 11755. (516) 585-3755.

TITLE: ***Anatomy Quiz.***

DATE: 1981.

AUTHOR: Waldo, Mark.

ANNOTATION: Designed for Medical and Nursing Students, and Human Biology, Allied Health, and Physical Education Majors. Formulates questions as it proceeds through material. Quizzes consist of multiple choice, multiple-multiple choice, and matching. Volumes currently available: Volume 1 - Muscles of Head and Neck, Volume 2 - Muscles of Trunk, Volume 3 - Muscles of Extremities.

SYS REQ: Microcomputer Program; Apple II Series; 48K Memory; 1 Disk.

AVAILABILITY: Sale $39.95; $8.00 Demo Disk. Professional Computerware. P.O. Box 409. Morganton, GA 30560. (404) 374-6045.

TITLE: ***Arterial Blood Gases.***

DATE: 1985.

AUTHOR: Hoffer, Edward P.; Barnett, G. Octo.

ANNOTATION: Teaches a 4-step approach to interpretation of ABG data and shows how to calculate the Alveolar-Arterial Gradient. Students face a series of realistic patient cases where they analyze blood gas results.

SYS REQ: Microcomputer Program; Apple II with 2 disk drives; IBM PC, PCjr with 80 column display, PC XT, PC AT; Apple 64K Memory, IBM 128K Memory; Apple; 1 Disk; IBM; 1 Disk.

AVAILABILITY: Sale Apple, $85.00; IBM, $85.00. Williams and Wilkins Company. P.O. Box 1496. Baltimore, MD 21203. (301) 528-4000.

TITLE: ***Arthritis and Rheumatism.***

DATE: 1988.

ANNOTATION: This program discusses osteoarthritis, rheumatoid arthritis, gout, ankylosing spondylitis, bursitis, and rheumatism. Folk remedies, treatments, diets, drugs and acupuncture are explored.

SYS REQ: Microcomputer Program; Apple; 1 Disk; 5 1/4 Size.

AVAILABILITY: Sale $34.95, 30-day return privilege. Intellectual Software. 562 Boston Avenue. Bridgeport, CT 06610. (800) 232-2224 or (203) 335-0906.

TITLE: ***Basic First Aid and Illness. Unit 1.***

DATE: 1986.

ANNOTATION: One of five units in the Basic First Aid and Illness program. Each unit is curriculum-based and tutorial in format, and illustrated with colorful graphics. Reproducible materials accompany each unit to reinforce lessons taught on the disks, and a post test is included. This unit covers: Shock, Bleeding, Broken Bones, Dislocated Bones, Burns. Order FA001; FA100 for series.

SYS REQ: Microcomputer Program; Apple; 2 Disk; 5 1/4 Inch Size; Color.

AVAILABILITY: Sale $95.00; $450.00 for series. Aquarius People Materials, Inc. PO Box 128. Indian Rocks Beach, FL 33535. (813) 595-7890; (800) 282-4198 ext. 5957.

TITLE: ***Basic First Aid and Illness. Unit 2.***

DATE: 1986.

ANNOTATION: One of five units in the Basic First Aid and Illness program. Each unit is curriculum-based and tutorial in format, and illustrated with colorful graphics. Reproducible materials accompany each unit to reinforce lessons taught on the disks, and a post test is included. This unit covers: Artificial Respiration, Heart Attack, Convulsions, Electrical Injuries, Shock. Order FA002; FA100 for series.

SYS REQ: Microcomputer Program; Apple; 2 Disks; 5 1/4 Inch Size; Color.

AVAILABILITY: Sale $95.00; $450.00 for series. Aquarius People Materials, Inc. PO Box 128. Indian Rocks Beach, FL 33535. (813) 595-7890; (800) 282-4198 ext. 5957.

TITLE: ***Basic First Aid and Illness. Unit 3.***

DATE: 1986.

ANNOTATION: One of five units in the Basic First Aid and Illness program. Each unit is curriculum-based and tutorial in format, and illustrated with colorful graphics. Reproducible materials accompany each unit to reinforce lessons taught on the disks, and a post test is included. This unit covers: Bites, Abrasions, Blisters, Bruises, Insect Stings, Infection, Snakebites. Order FA003; FA100 for series.

SYS REQ: Microcomputer Program; Apple; 2 Disks; 5 1/4 Inch Size; Color.

AVAILABILITY: Sale $95.00; $450.00 for series. Aquarius People Materials, Inc. PO Box 128. Indian Rocks Beach, FL 33535. (813) 595-7890; (800) 282-4198 ext. 5957.

TITLE: ***Basic First Aid and Illness. Unit 4.***

DATE: 1986.

ANNOTATION: One of five units in the Basic First Aid and Illness program. Each unit is curriculum-based and

tutorial in format, and illustrated with colorful graphics. Reproducible materials accompany each unit to reinforce lessons taught on the disks, and a post test is included. This unit covers: Choking, Drug Overdose, Poisoning (Chemical), Poisoning (Food). Order FA004; FA100 for series.

SYS REQ: Microcomputer Program; Apple; 2 Disks; 5 1/4 Inch Size; Color.

AVAILABILITY: Sale $95.00; $450.00 for series. Aquarius People Materials, Inc. PO Box 128. Indian Rocks Beach, FL 33535. (813) 595-7890; (800) 282-4198 ext. 5957.

TITLE: ***Basic First Aid and Illness. Unit 5.***

DATE: 1986.

ANNOTATION: One of five units in the Basic First Aid and Illness program. Each unit is curriculum-based and tutorial in format, and illustrated with colorful graphics. Reproducible materials accompany each unit to reinforce lessons taught on the disks, and a post test is included. This unit covers: Flu, Childhood Diseases, Vomiting, Diarrhea, Fever. Order FA005; FA100 for series.

SYS REQ: Microcomputer Program; Apple; 2 Disks; 5 1/4 Inch Size; Color.

AVAILABILITY: Sale $95.00; $450.00 for series. Aquarius People Materials, Inc. PO Box 128. Indian Rocks Beach, FL 33535. (813) 595-7890; (800) 282-4198 ext. 5957.

TITLE: ***Basic Radiographic Positioning of the Skull.***

DATE: 1986.

ANNOTATION: The program was developed to enable students in the Radiologic Technology programs (as well as Nuclear Medicine and Radiation Oncology) to interact with a computer video terminal through graphic displays and manipulate basic skull positioning for correct alignment.

SYS REQ: Microcomputer Program; Apple IIe; II + ; Basic Language; 48K Memory; 3.3 DOS; 2 Disks; 5 1/4 Inch Size.

AVAILABILITY: Sale Contact for Price. Odessa College. PO Box 3752. Odessa, TX 79760. (915) 337-5381.

TITLE: ***CAI: Health Occupations.***

DATE: 1982.

ANNOTATION: Project to develop computer assisted instruction (CAI) utilizing nursing program applications. 1) CAI - Communicable Disease, 2) CAI - Acid Based Imbalances, 3) CAI - Wound Healing I, 4) CAI - Wound Healing II, 5) CAI - Wound Healing III, 6) CAI - Inflammation, 7) CAI - Caffeine, 8) CAI - Shock.

SYS REQ: Microcomputer Program; Apple; 8 Disks.

AVAILABILITY: Free, will make copy if disks sent; Loan 4 weeks; Sale $5.00 per disk. Wanda Monthey, Program Analyst, Dissemination-Vocational Education, Oregon Department of Education. 700 Pringle Parkway, SE. Salem, OR 97310. (503) 378-2713.

TITLE: ***Cancer.***

DATE: 1985.

ANNOTATION: This program discusses: heredity and cancer; what you can do to prevent cancer; seven warning signs of cancer; how common types of cancer are identified and treated; surgery, radiation and chemotherapy.

SYS REQ: Microcomputer Program; Apple; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $34.95, 30-day return privilege. Intellectual Software. 562 Boston Avenue. Bridgeport, CT 06610. (800) 232-2224 or (203) 335-0906.

TITLE: ***Careers in Hospital Nursing.***

DATE: 1983.

ANNOTATION: A thirty item inventory introduces students to the six major personality types found within a hospital nursing setting. Students work through a "preference questionnaire" to determine where they would best fit into a hospital environment. The retention of concepts is then tested in an interpretation section. Order number CDS 1100.

SYS REQ: Microcomputer Program; Apple II, IIe, IIc, 48K Memory; 1 Disk.

AVAILABILITY: Loan 2 weeks, Demo Disk; Sale $150.00. The Conover Company, Limited. 5684 Shurbert Road, PO Box 155. Omro, WI 54963. (414) 685-5707.

TITLE: ***Childhood Diseases.***

DATE: 1985.

ANNOTATION: Symptoms and treatment for: whooping cough, allergy, measles, cystic fibrosis, croup, conjunctivitis, mumps, tonsillitis, chicken pox.

SYS REQ: Microcomputer Program; Apple; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $34.95, 30-day return privilege. Intellectual Software. 562 Boston Avenue. Bridgeport, CT 06610. (800) 232-2224 or (203) 335-0906.

TITLE: ***Computer Assisted Instruction Project for Nursing Students.***

DATE: 1982.

ANNOTATION: A project to develop a process for computer-assisted instruction (CAI) utilizing nursing program applications. Products include (1) CAI Lesson on Stress (five lessons), (2) CAI Lesson on Nursing Math Calculations and Conversions, (3) Re-Entry Nurse Evaluation, (4) Developmental Stages, and (5) Instructor's Guide for Developing CAI.

SYS REQ: Microcomputer Program; Apple II; 48K Memory; 9 Disks; 5 1/4 Inch Size.

AVAILABILITY: Free if 9 diskettes are sent so copy can be made; Loan 4 weeks. Wanda Monthey, Oregon Department of Education. 700 Pringle Parkway, SE. Salem, OR 97310. (503) 378-2713.

TITLE: ***CPR Training by Computer.***

DATE: 1985.

AUTHOR: Hoffer, Edward P.; Barnett, G. Octo.

ANNOTATION: Designed to help improve cardiopulmonary resuscitation skills through simulated cardiac arrests. Utilizes the latest American Heart Association Standards.

SYS REQ: Microcomputer Program; Apple II with 2 disk drives; IBM PC, PCjr with 80 column display, PC XT, PC AT; Apple 64K Memory, IBM 124K Memory; Apple; 1 Disk, IBM; 1 Disk.

AVAILABILITY: Sale Apple, $85.00, IBM, $85.00. Williams and Wilkins Company. P.O. Box 1496. Baltimore, MD 21203. (301) 528-4000.

TITLE: ***Diabetes and Hypoglycemia.***

DATE: 1985.

ANNOTATION: Topics include: symptoms, causes, treatments, tests, complications, and role of diet in the treatment of diabetes and hypoglycemia.

SYS REQ: Microcomputer Program; Apple; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $34.95; 30-day return privilege. Intellectual Software. 562 Boston Avenue. Bridgeport, CT 06610. (800) 232-2224 or (203) 335-0906.

TITLE: ***Dieting.***

DATE: 1985.

ANNOTATION: This program describes the risks of being overweight, the basic concepts of nutrition, fallacies about dieting, tips on weight loss, sports nutrition, junk foods. Discusses the pros and cons of various types of diets including fad diets, extreme diets, and vegetarian diets. Also includes information on diabetes, hypoglycemia, hypertension, cancer, anorexia, and bulimia.

SYS REQ: Microcomputer Program; Apple; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $34.95; 30-day return privilege. Intellectual Software. 562 Boston Avenue. Bridgeport, CT 06610. (800) 232-2224 or (203) 335-0906.

TITLE: ***Emergency Aid—The Software.***

DATE: 1986.

ANNOTATION: This CAI package provides practice in applying the first aid skills in simulated situations. Two program disks, student's manual, instructor's guide, and pad of score sheets. Purchasers can buy additional disks and student's manuals separately. Automatic loading, minimal keyboard knowledge needed. Applies principles of learning.

SYS REQ: Microcomputer Program; Apple IIe, IIc; 2 Disks; 5 1/4 Inch Size; Color.

AVAILABILITY: Sale Contact for Prices. Extension Instruction and Materials Center, The University of Texas at Austin. PO Box 7218. Austin, TX 78713-7218. (512) 471-7716.

TITLE: ***Fitness—A State of Body and Mind.***

DATE: 1985.

ANNOTATION: Learn the importance of exercising and eating a well-balanced diet in order to maintain overall health. Students assess their own level of physical fitness, learn about the many benefits of exercise and find out how to start an exercise program. Students learn how to determine their ideal weight and balance caloric intake with energy output. Summary data helps monitor students' fitness. An additional section of the program covers the effects of alcohol, tobacco and other drugs on the body. Order ML5127.

SYS REQ: Microcomputer Program; Apple II, IIe, IIc; 48K Memory; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $54.95. Career Aids, Incorporated. 20417 Nordhoff Street. Chatsworth, CA 91311. (818) 341-8200.

TITLE: ***Health Awareness Game.***

DATE: 1983.

ANNOTATION: Students compare their health and living habits to statistical tables. Program helps establish right caloric intake to achieve ideal body weight, determine the effect of life conditions on life expectancy, calculate the risk of coronary heart disease, and show the effects of smoking on the body. Computations are designed to work specifically for each individual student. Titles: Exercise Weight, Life Expectancy, Lifestyle, Coronary Risk, and Why Do You Smoke? Order HR511S.

SYS REQ: Microcomputer Program; Apple II, IIe; 5 Disks; 5 1/4 Inch Size.

AVAILABILITY: Sale $99.00. Career Aids, Incorporated. 20417 Nordhoff Street, Department K65. Chatsworth, CA 91311. (818) 341-8200.

TITLE: ***Healthlines Programs for Optimal Well-Being.***

DATE: 1987.

AUTHOR: Gold, Robert S.

ANNOTATION: Health Education software that can be purchased as a package or as individual units in any combination. The first diskette contains Introductory Material, an Initial Health Risk Appraisal Program and a Personal Goal Setting Program for each of the 9 subsequent content disks which can be purchased independently. Content disks are: Aging, Alcohol and Other Drugs of Abuse, Disease Prevention, Fitness, Health Consumerism, Human Sexuality, Mental and Emotional Health, Nutrition, Tobacco.

SYS REQ: Microcomputer Program; Apple IIe, IIc; 128K Memory; complete 10 Disk package, including Teacher Utility Diskette.

AVAILABILITY: Sale $400.00 each complete 10 Disk package; $100.00 each Master Program; $40.00 each Individual Content Disk. William C. Brown Publishers. 2460 Kerper Blvd. Dubuque, IA 52001 (319) 588-1451.

TITLE: ***Health Occupations. Vocational Education Vocabulary Series.***

DATE: 1984.

ANNOTATION: One of nine in the Vocational Education Vocabulary Series. Each program contains a minimum of 240 terms and is designed to help students master the more difficult, specific trade-related terms. These programs will help students to understand technical words and to read technical publications, manuals, and textbooks. Order number C109; C100 for Series. A preview disk containing one sample lesson from each of the five series is available. Order number C999.

SYS REQ: Microcomputer Program; Apple II, IIe; 3 Disks; 5 1/4 Inch Size.

AVAILABILITY: Sale $49.95; $375.00 Series; $8.00 Preview Disk. Goodheart-Willcox Company. 123 Taft Drive. South Holland, IL 60473. (800) 323-0440.

TITLE: ***Health Occupations. Vocational Mathematics Competency Tests.***

DATE: 1984.

ANNOTATION: One of thirteen programs in the Vocational Mathematics Competency Testing Program. They are designed to determine occupationally-related mathematics skills in specific vocational areas. The tests may be administered and scored using a microcomputer or they may be administered from paper-pencil versions and scored using a microcomputer. These programs may be used in education or industry to aid in determining a trainee's chances of success and in designing

programs to meet the individual needs of the trainees. Order 840801.

SYS REQ: Microcomputer Program; Apple II + ; IIe; 48K Memory; 1 Disk Drive; 3 Disks.

AVAILABILITY: Sale $295.00; $354.00 with back-up. Statewide Teaching Aids. PO Box 8241. Alexandria, LA 71306-1241. (318) 445-2572.

TITLE: ***Health Risk Appraisal.***

DATE: 1984.

ANNOTATION: Users enter into a dialogue with the computer about health-related behavior, generating specific appraisals of their health habits and individualized suggestions for improving these habits. In addition to answering questions about themselves, users can experiment in other ways by entering personal profiles of people of different ages, sexes, and racial groups. In this way, users learn about the effects of a wide range of health habits on an almost endless variety of individuals. Order HRM-54700MSA for Apple; HRM-5470MST3 for TRS-80.

SYS REQ: Microcomputer Program; Apple II; II + ; IIe; 1 Disk 5 1/4 Inch Size; TRS-80 III; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $99.00 includes back-up. Teaching Aids Incorporated. PO Box 1798. Cosa Mesa, CA 92628-0798. (714) 548-9321.

TITLE: ***Heart Disease.***

DATE: 1985.

ANNOTATION: This program explains: the difference between chest pain and heart disease, angina, heart attacks, heart failure, high blood pressure, ways to keep your heart healthy, tests for the heart, medications, pacemakers, and surgery.

SYS REQ: Microcomputer Program; Apple; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $34.95; 30-day return privilege. Intellectual Software. 562 Boston Avenue. Bridgeport, CT 06610. (800) 232-2224 or (203) 335-0906.

TITLE: ***The Heart Simulator.***

ANNOTATION: This program uses high-resolution color graphics and animation to depict blood flowing through the heart as it beats. The program includes a timing exercise for the heart, an actual representation of blood flowing through the heart, a simulation of heart to lung blood flow (with the blood changing color as it flows), as well as an interactive program in which students are asked to identify the parts of the heart. Includes back-up disk. Order FMIC0140A.

SYS REQ: Microcomputer Program; Apple II; II + ; IIe; 48K Memory; 1 Disk; 5 1/4 Inch Size; Color.

AVAILABILITY: Sale $49.00. Jack L. Hartman and Company. 2840 Peters Creek Road. Roanoke, VA 24019. (800) 336-5962 outside Virginia; (800) 542-5899 Virginia only.

TITLE: ***How I Can Stay Healthy. Understanding and Relating Series.***

DATE: 1981.

ANNOTATION: One of five tutorial units in the Understanding and Relating Series. Discusses the use and abuse of alcohol and tobacco. Included is a general module about health rules in which proper diet, exercise, and care are discussed. Suitable for advanced limited English proficient students in English as a Second Language classrooms. Embedded questions and progress units included in each unit. Order 9530. 9520 for series.

SYS REQ: Microcomputer Program; Apple II + ; IIe, IIc; 48K Memory; 3.3 DOS; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $30.00; $135.00 for series. CEEDE. The University of Iowa. N 345 Oakdale Hall. Oakdale, IA 52319. (319) 353-4200.

TITLE: ***Human Genetic Disorders.***

DATE: 1984.

AUTHOR: Kinnear, Judith.

ANNOTATION: Simulation that enables students to investigate inherited disorders. Designed for high school biology students, also appropriate for Introductory College Biology, Health and Nursing Education courses. Consists of two sections, "Explore Inheritance of a Specific Disorder" and "Explore an Unknown Genetic Disorder."

SYS REQ: Microcomputer Program; Apple II, II + , IIe, IIc; 48K Memory; 1 Disk.

AVAILABILITY: Sale $69.00, includes backup and teacher's guide. HRM Software. 175 Tompkins Avenue. Pleasantville, NY 10570. (914) 769-6900.

TITLE: ***Human Systems Keyword.***

DATE: 1984.

ANNOTATION: This program will help students develop an understanding of important scientific terms. Involves thinking games, with secret words discovered by uncovering clues that include synonyms, examples, definitions, and applications of the vocabulary in your curriculum. Arranged by the topics and units that you teach, extensive libraries of scientific terms and clues are ready for your classroom. Topics are: digestive, circulatory, excretory, respiratory, nervous, endocrine, reproductive, and support systems. Order FMIC0154A for Apple; FMIC0154T for TRS-80. Includes Back-up disk.

SYS REQ: Microcomputer Program; Apple II, II + , IIe; 48K Memory; 1 Disk; 5 1/4 Inch Size; TRS-80; 32K Memory; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $39.00. Jack L. Hartman and Company. 2840 Peters Creek Road. Roanoke, VA 24019. (800) 336-5962 outside Virginia; (800) 542-5899 Virginia only.

TITLE: ***Internist.***

DATE: 1982.

ANNOTATION: Allows the user to run differential diagnoses on any combination of over 450 symptoms for 331 common chronic and acute diseases and conditions, including nutritional deficiencies and disorders. Additional features include a Disease Reference module which can display the symptoms associated with any of the above diseases. The user also has the option of either displaying or printing out diagnoses and references.

SYS REQ: Microcomputer Program; IBM PC, XT, PC jr, PC Portable; BASIC Language; 64K Memory; 2.0, 2.1 DOS; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $95.00. N-Squared Computing. 5318 Forest Ridge Road. Silverton, OR 97381. (503) 873-5906.

TITLE: ***Medicine. Exploring Career Options Series.***

DATE: 1985.

ANNOTATION: One of sixteen in the Exploring Career Options Series. Students improve comprehension skills and learn job-related vocabulary by reading about career opportunities and requirements in any of 16 fields. Covers job descriptions, information on educational and training requirements, and predictions of future opportunities in specific areas. Multiple choice questions test reading comprehension; incorrect answers lead to complete explanations. An optional management system keeps track of students' scores in each lesson. Each program consists of eight to ten lessons on one disk.

SYS REQ: Microcomputer Program. Apple. 1 Disk, 5 1/4 Inch Size.

AVAILABILITY: Sale $34.95, $44.95 with management; $435.00 for series, $595.00 for series with management. 30-day return privilege. Intellectual Software. 562 Boston Avenue. Bridgeport, CT 06610. (800) 232-2224 or (203) 335-0906.

TITLE: ***Med-Math Test & Practice Problem Generator.***

DATE: 1985

ANNOTATION: Used to create realistic, randomly generated tests, and practice problems in 9 areas of Medication Administration.

SYS REQ: Microcomputer Program. Apple II, IBM PC. 128K Memory. Apple , 4 Disks. IBM, 4 Disks.

AVAILABILITY: Sale Apple, $325.00, includes User's Guide. IBM, $325.00, includes User's Guide. J. B. Lippincott Company. E. Washington Square. Philadelphia, PA 19105. (800) 523-2945.

TITLE: ***Microcomputer Applications in Vocational Education: Health Occupations.***

DATE: 1982

ANNOTATION: Series of programs include: chemical poison index, clinitest results program, drug interaction, gever-gesner analysis, heart 1, life expectancy, rating your fitness, lung, sports-exercised evaluation, medical record program, and hospital records.

SYS REQ: Microcomputer Program. Apple II +, TRS-80 III. 48K Memory. 1 to 3 Disks, 5 1/4 Inch Size.

AVAILABILITY: Sale Apple $11.00, TRS-80 $15.50, printed documentation $1.50. Curriculum Publications Clearinghouse, Western Illinois University. 46 Horrabin Hall. Macomb, IL 61455. (309) 298-1917 or 800-322-3905 (IL only).

TITLE: ***New Baby Care.***

DATE: 1983

ANNOTATION: Computer program covers various areas of caring for young babies including: diet and feeding, hygiene—bathing and skin care, and sleeping habits. Order number ILNBCS Apple II or IIe, number ILNBCA for IBM PC.

SYS REQ: Microcomputer Program. Apple II, IIe. IBM PC. 1 Disk, 5 1/4 Inch Size.

AVAILABILITY: Sale $34.95. Career Aids, Incorporated. 20417 Nordhoff Street, Department K65. Chatsworth, CA 91311. (818) 341-8200.

TITLE: ***NURSIMS.***

DATE: 1986

ANNOTATION: Designed to evaluate a learner's decision-making abilities in realistic nurse-client interactions, these are nursing process based test simulations in Medical/Surgical Nursing Level I, Medical/Surgical Nursing Level II, Maternity/Child Health Nursing, Pediatric Nursing, Psychiatric Nursing.

SYS REQ: Microcomputer Program. Apple II, IBM PC. 64K Memory. Apple set, 5 Disks. IBM set, 5 Disks.

AVAILABILITY: Sale $750.00 a set, includes Instructor's Guide; individual disks $170.00 each. J. B. Lippincott Company. E. Washington Square. Philadelphia, PA 19105. (P00) 523-2954.

TITLE: ***Nursing Cluster, Module One: Digestion.***

DATE: 1984

ANNOTATION: Includes Parts I–III, Digestion.

SYS REQ: Microcomputer Program. Apple II, II +, IIe, IIc, 3 Disks, 5 1/4 Inch Size; IBM PC, 3 Disks, 5 1/4 Inch Size.

AVAILABILITY: Sale $147.00. Southwest Tele-Computer Corporation. 5845 Gardner Highway. Alexandria, LA 71303. (318) 445-2572.

TITLE: ***Nursing Diagnosis Basic Concepts.***

DATE: 1986

ANNOTATION: With the help of nurse and hospital staff, students achieve an understanding of the definition and components of a nursing diagnosis.

SYS REQ: Microcomputer Program. Apple II, II +, IIe, IIc, 64K Memory, 1 Disk.

AVAILABILITY: Sale $59.50. McGraw-Hill Book Company. Princeton Road. Hightstown, NJ 08520. (609) 426-5254.

TITLE: ***Nursing Digestion.***

DATE: 1985

ANNOTATION: Consists of three disks dealing with the subject of digestion including nutrients, enzymes and saliva, mucus, hydrochloric acid, pepsin, complex sugars and starch, pancreatic enzymes and proteins, gastric juices, chyme, medical terminology.

SYS REQ: Microcomputer Program. Apple II series. 48K Memory. 3 Disks.

AVAILABILITY: Sale $195.00. Aquarius People Materials. P.O. Box 128. Indian Rocks Beach, FL 33535. (813) 595-7890; (800) 282-4198, ext. 5957.

TITLE: ***Nursing. Exploring Career Options Series.***

DATE: 1985

ANNOTATION: One of sixteen in the Exploring Career Options Series. Students improve comprehension skills and learn job-related vocabulary by reading about career opportunities and requirements in any of 16 fields. Covers job descriptions, information on educational and training requirements, and predictions of future opportunities in specific areas. Multiple choice questions test reading comprehension; incorrect answers lead to complete explanations. An optional management system keeps track of students' scores in each lesson. Each program consists of eight to ten lessons on one disk.

SYS REQ: Microcomputer Program. Apple. 1 Disk, 5 1/4 Inch Size.

AVAILABILITY: Sale $34.95, $44.95 with management; $435.00 for series, $595.00 for series with management; 30-day return privilege. Intellectual Software, 562 Boston Avenue, Bridgeport, CT 06610, (800) 232-2224 or (203) 335-0906.

SERIES: **Nursing Process Concepts and Skills.**

TITLE: ***Introduction to Behavioral Objectives.***

Introduction to Nursing Diagnosis.

Introduction to Nursing Goals.

Introduction to Nursing Orders.

Introduction to Patient Data.

Introduction to Patient Problems.

DATE: 1985-86.

AUTHOR: Yoder, Marianne E.

ANNOTATION: A series of programs that relate to various phases of the Nursing Process; these tutorials can be used by nursing students at all levels.

SYS REQ: Microcomputer Program; Apple II, 64K Memory, 6 Disks; IBM PC, 128K Memory, 6 Disks.

AVAILABILITY: Sale Apple, $135.00 each, $750.00 a set; IBM, $135.00 each, $750.00 a set. J. B. Lippincott Company, E. Washington Square, Philadelphia, PA 19105, (800) 523-2945.

TITLE: ***Nutriplan.***

DATE: 1984.

ANNOTATION: Enables users to analyze meals for content in 21 nutrients; compare this information; Recommended Daily Allowance (RDA) taking age, sex, pregnancy and nursing into consideration; and compare over 400 foods for calorie and nutritional content. Can be customized by adding user's favorite foods to the database.

SYS REQ: Microcomputer Program; Apple II, Macintosh, IBM PC and compatibles, PCjr, PC XT, PC AT, Zenith Z150PC; Apple 48K Memory, IBM 64K Memory; Macintosh 192K Memory; 1 Disk.

AVAILABILITY: Sale $75.00. MicroMedx, 187 Gardiners Avenue, Levittown, NY 11756, (516) 735-8979.

TITLE: ***Pregnancy and You.***

DATE: 1983.

ANNOTATION: Computer software program covers pregnancy from conception to birth. The programs include: Pregnancy: What It Means To You; Prenatal Care; Your First Check-Up; Diet; Necessary Daily Foods—Milk; Proteins; Fruits and Vegetables; and Grain Products; Weight Gain; and Nursing Your Baby. Order number ILPYS Apple II or IIe; number ILPYA IBM PC. This program was evaluated August 1985 by a team of Home Economists, Ruth Sarle (Coordinator, Columbus, OH), Sue Saravelle, and Barbara Reed, participating in the Courseware Evaluation Network. The Network is coordinated by the National Center for Research in Vocational Education and evaluations are based on their Courseware Evaluation Form and Guide. Ratings (Good, Average, Poor, NA) were: Subject Matter - G; Technical Presentation - A; Student Interaction - A; Program Interaction - A; Student Evaluation - A; Documentation A; Work Behaviors - NA. Overall rating - Recommend with reservations.

SYS REQ: Microcomputer Program; Apple II, IIe; IBM PC; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $44.95. Career Aids, Incorporated, 20417 Nordhoff Street, Department K65, Chatsworth, CA 91311, (818) 341-8200.

TITLE: ***Respiratory Diseases and Disorders.***

DATE: 1985.

ANNOTATION: This program covers prevention, symptoms and treatment of: bronchitis, cystic fibrosis, emphysema, tuberculosis, pneumonia, asthma, shortness of breath.

SYS REQ: Microcomputer Program; Apple, 1 Disk, 5 1/4 Inch Size.

AVAILABILITY: Sale $34.95, 30-day return privilege. Intellectual Software, 562 Boston Avenue, Bridgeport, CT 06610, (800) 232-2224 or (203) 335-0906.

TITLE: ***Salt and You.***

DATE: 1984.

ANNOTATION: Scientists have discovered that too much salt in the diet can lead to hypertension and heart disease. Yet most people continue to consume far too much salt. This package enables students to analyze their diets to determine whether they are using salt at a safe level. They also learn how to cut back on its use. A Corvus Network version of this product is also available. Order Number A-127-501.

SYS REQ: Microcomputer Program; Apple IIGS, 48K Memory, 3.3 DOS, 1 Disk, 5 1/4 Inch Size.

AVAILABILITY: Sale $39.00. Minnesota Educational Computing Consortium (MECC) Distribution Center, 3490 Lexington Avenue North, Saint Paul, MN 55126-8097, (612) 481-3500.

TITLE: ***Skin Disorders.***

DATE: 1985.

ANNOTATION: Discussion of treatment, causes and cures. Topics include: acne, ringworm, psoriasis, shingles, cancer.

SYS REQ: Microcomputer Program; Apple, 1 Disk, 5 1/4 Inch Size.

AVAILABILITY: Sale $34.95, 30-day return privilege. Intellectual Software, 562 Boston Avenue, Bridgeport, CT 06610, (800) 232-2224 or (203) 335-0906.

TITLE: ***Smoking: It's Up to You.***

DATE: 1984.

ANNOTATION: Students investigate several topics related to smoking: the contents of cigarette smoke, health risks, financial costs, immediate physical effects, and personal attitudes. With these programs, students can evaluate for themselves the hazards of smoking. Order Number A-103-501. A Corvus Network of this product is also available.

SYS REQ: Microcomputer Program; Apple IIGS, 48K Memory, 3.3 DOS, 1 Disk, 5 1/4 Inch Size.

AVAILABILITY: Sale $39.00. Minnesota Educational Computing Consortium (MECC) Distribution Center, 3490 Lexington Avenue North, Saint Paul, MN 55126-8097, (612) 481-3500.

TITLE: ***Spelling for Careers in Medicine.***

DATE: 1984.

ANNOTATION: Program contains two units. In the first unit, the words are presented in multiple choice form, with

the student picking out the correctly spelled word. In the second unit, the definition of the word is given and the student supplies the word from memory. Students are also given a percentage score at the end of each unit. One of a series of two programs. Order number 95125F, order number 95125FB with back-up.

SYS REQ: Microcomputer Program; Apple IIe; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $39.95, $54.00 with Back-up. EMC Publishing, Changing Times Education Service. 300 York Avenue. Saint Paul, MN 55101. (800) 328-1452.

TITLE: ***S.T.D. Sexually Transmitted Diseases.***

DATE: 1983.

ANNOTATION: Covers major sexually transmitted diseases that affect the population today, including Herpes Simplex II. Subject matter is dealt with using computer graphics and layman's terminology and is used with factual up-to-date information. Instructional units include information about causes, transmission, symptoms, diagnosis, treatment and complications of each disease. Computerized review and self-study quiz is provided. Can be used for Sex Education, Health Education, Home Economics, Health Services, and Medical Clinics.

SYS REQ: Microcomputer Program; Apple II, II+, IIe, IIc or compatible system; 48K Memory; 1 Disk.

AVAILABILITY: Sale $59.95; $10.00 each disk copies with purchase; Computer Aided Instructional Systems. N. Service Road, Bldg. 5, Box 177. Holly, MI 48442.

TITLE: ***Surgery I.***

DATE: 1988.

ANNOTATION: This program explains the important basic facts about surgery, arranging for hospital admission, preoperative care, postoperative care, radiology, laboratory tests and recent advances in surgery.

SYS REQ: Microcomputer Program; Apple; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $34.95; 30-day return privilege. Intellectual Software. 562 Boston Avenue. Bridgeport, CT 06610. (800) 232-2224 or (203) 335-0906.

TITLE: ***Surgery II.***

DATE: 1988.

ANNOTATION: This program covers the various types of surgery including: stomach and intestinal operations, abdominal operations, thoracic surgery, special operations for women, nose surgery, throat and neck surgery, brain and nerve surgery, eye surgery, ear surgery, plastic surgery and transplantation surgery.

SYS REQ: Microcomputer Program; Apple; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $34.95; 30-day return privilege. Intellectual Software. 562 Boston Avenue. Bridgeport, CT 06610. (800) 232-2224 or (203) 335-0906.

TITLE: ***Taking a Blood Pressure.***

DATE: 1984.

AUTHOR: Larson, Donna

ANNOTATION: Uses animated graphics and recorded Korotkoff sounds to simulate taking a blood pressure. While the tape recorded blood pressure sounds are played, the student notes the mercury level or the sphygmomanometer at which the three most significant blood pressure sounds are heard. The program verifies the accuracy of the student's readings and provides appropriate feedback.

SYS REQ: Microcomputer Program; IBM PC, Apple IIe, 64K Memory; 1 Disk.

AVAILABILITY: Sale $125.00. J. B. Lippincott Company. E. Washington Square. Philadelphia, PA 19105. (800) 523-2945.

TITLE: ***Testing Urine for Sugar and Ketones.***

DATE: 1984.

AUTHOR: Larson, Donna

ANNOTATION: Tutorial simulation that guides student through any one of a number of simulated urine tests for sugar and ketones. For whatever test being conducted, the appropriate color scale appears on screen along with sample changes. Student makes judgement of urine sugar and/or ketone concentration by comparing color scale with urine sample being tested. Program verifies student's accuracy and provides prompts when appropriate.

SYS REQ: IBM PC, Apple IIe; 64K Memory; 1 Disk.

AVAILABILITY: Sale $125.00. J. P. Lippincott Company. E. Washington Square. Philadelphia, PA 19105. (800) 523-2945.

TITLE: ***Vitamins, Minerals, and Health Foods.***

DATE: 1985.

ANNOTATION: This program defines and describes, identifies the properties of, and dispels myths about vitamins and minerals. Describes how to get the most nutrition out of food preparation. Also covers deficiency diseases, health foods, reading labels, RDA, and vitamins and minerals for special needs.

SYS REQ: Microcomputer Program; Apple; 1 Disk; 5 1/4 Inch Size.

AVAILABILITY: Sale $34.95; 30-day return privilege. Intellectual Software. 562 Boston Avenue. Bridgeport, CT 06610. (800) 232-2224 or (203) 335-0906.

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